AUTHOR AND SUBJECT INDEX

PCI JOURNAL, VOLUME 46, 2001

The following is an index of all reports, papers, design-construction articles and discussions which have appeared in the PCI JOURNAL during the past year. This index is the tenth supplement to the PCI JOURNAL 10-Year and 25-Year Indexes which comprehensively reference all reports, articles and discussions published in the JOURNAL from V. 1, No. 1, May 1956 through V. 36, No. 6, November-December 1991.

Listed first is the Author Index which includes, in alphabetical order, the names of all contributing authors for 2001, followed by the title, volume, number, date of publication and page numbers for each report, article or discussion.

The material is then classified in chronological order under various subject categories. Depending on their scope, some articles are listed under more than one heading.

Many recent back issues of the PCI JOURNAL are still available. In addition, several of the more important articles are available in reprint form. In cases where individual reprints are unavailable, copies of articles can be obtained at cost of reproduction.

Author Index

A

Albers, Michael

- "Parking Structures for Sprint World Headquarters – A Precast Bonanza," V. 46, No. 3, May-June 2001, pp. 20-30.

Alexander, Brett

- "Precast Parking Structures Enhance the Shops at Willow Bend," V. 46, No. 5, September-October 2001, pp. 36-45.

Al-Mayah, Adil

- "Experimental and Analytical Investigation of a Stainless Steel Anchorage for CFRP Prestressing Tendons," V. 46, No. 2, March-April 2001, pp. 88-100.

Appelquist, Tom

- "Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," V. 46, No. 2, March-April 2001, pp. 22-33.

B

Badie, Sameh S.

- "Re-Examination of I-Girder/Pier Connection in Jointless Bridges," V. 46, No. 2, March-April 2001, pp. 62-74.

Bailey-Healy, Jean

"John H. Bailey, Sr. (1916-2001)," V. 46, No. 6, November-December 2001, p. 129.

Barr, Paul J.

- "PCI Intern Program – A New Industry Initiative," V. 46, No. 1, January-February 2001, pp. 82-84.

Beier, Jonathan T.

- "Effects of Sudden Prestress Force Transfer in Pretensioned Concrete Beams," V. 46, No. 1, January-February 2001, pp. 64-75.

Brown, Doug

- "Architectural Precast Façade and Seating Risers Bring Elegance and Construction Speed to Broward County Arena," V. 46, No. 3, May-June 2001, pp. 32-42.

Bruce, Robert N., Jr.

- "On-Going High Performance Concrete Research in Louisiana," V. 46, No. 1, January-February 2001, pp. 79-81.

Burke, Chad R.

- "Flexural Design of Prestressed Concrete Beams Using FRP Tendons," V. 46, No. 2, March-April 2001, pp. 76-87.

Burns, Ned H.

- Problems & Solutions: "Composite Action Between Girder and Bridge Deck With Precast Panels," V. 46, No. 1, January-February 2001, p. 85.

C

Cadman, Ken

- "New England Bulb Tee Girder Brings Strength, Elegance and Economy to Jetport Interchange Bridge," V. 46, No. 6, November-December 2001, pp. 68-75.

Cai, Chun S.

- "Enhancement of the Performance of Prestressed Concrete Girders Using Strand Anchorage," V. 46, No. 5, September-October 2001, pp. 82-96.

AUTHOR AND SUBJECT INDEX

PCI JOURNAL, VOLUME 46, 2001

The following is an index of all reports, papers, design-construction articles and discussions which have appeared in the PCI JOURNAL during the past year. This index is the tenth supplement to the PCI JOURNAL 10-Year and 25-Year Indexes which comprehensively reference all reports, articles and discussions published in the JOURNAL from V. 1, No. 1, May 1956 through V. 36, No. 6, November-December 1991.

Listed first is the Author Index which includes, in alphabetical order, the names of all contributing authors for 2001, followed by the title, volume, number, date of publication and page numbers for each report, article or discussion.

The material is then classified in chronological order under various subject categories. Depending on their scope, some articles are listed under more than one heading.

Many recent back issues of the PCI JOURNAL are still available. In addition, several of the more important articles are available in reprint form. In cases where individual reprints are unavailable, copies of articles can be obtained at cost of reproduction.

Author Index

A

Albers, Michael

- "Parking Structures for Sprint World Headquarters – A Precast Bonanza," V. 46, No. 3, May-June 2001, pp. 20-30.

Alexander, Brett

- "Precast Parking Structures Enhance the Shops at Willow Bend," V. 46, No. 5, September-October 2001, pp. 36-45.

Al-Mayah, Adil

- "Experimental and Analytical Investigation of a Stainless Steel Anchorage for CFRP Prestressing Tendons," V. 46, No. 2, March-April 2001, pp. 88-100.

Appelquist, Tom

- "Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," V. 46, No. 2, March-April 2001, pp. 22-33.

B

Badie, Sameh S.

- "Re-Examination of I-Girder/Pier Connection in Jointless Bridges," V. 46, No. 2, March-April 2001, pp. 62-74.

Bailey-Healy, Jean

"John H. Bailey, Sr. (1916-2001)," V. 46, No. 6, November-December 2001, p. 129.

Barr, Paul J.

- "PCI Intern Program – A New Industry Initiative," V. 46, No. 1, January-February 2001, pp. 82-84.

Beier, Jonathan T.

- "Effects of Sudden Prestress Force Transfer in Pretensioned Concrete Beams," V. 46, No. 1, January-February 2001, pp. 64-75.

Brown, Doug

- "Architectural Precast Façade and Seating Risers Bring Elegance and Construction Speed to Broward County Arena," V. 46, No. 3, May-June 2001, pp. 32-42.

Bruce, Robert N., Jr.

- "On-Going High Performance Concrete Research in Louisiana," V. 46, No. 1, January-February 2001, pp. 79-81.

Burke, Chad R.

- "Flexural Design of Prestressed Concrete Beams Using FRP Tendons," V. 46, No. 2, March-April 2001, pp. 76-87.

Burns, Ned H.

- Problems & Solutions: "Composite Action Between Girder and Bridge Deck With Precast Panels," V. 46, No. 1, January-February 2001, p. 85.

C

Cadman, Ken

- "New England Bulb Tee Girder Brings Strength, Elegance and Economy to Jetport Interchange Bridge," V. 46, No. 6, November-December 2001, pp. 68-75.

Cai, Chun S.

- "Enhancement of the Performance of Prestressed Concrete Girders Using Strand Anchorage," V. 46, No. 5, September-October 2001, pp. 82-96.

Carter, Dennis

- "Parking Structures for Sprint World Headquarters – A Precast Bonanza," V. 46, No. 3, May-June 2001, pp. 20-30.

Castrodale, Reid

- "Nonlinear Continuity Analysis of Precast, Prestressed Concrete Girders with Cast-in-Place Decks and Diaphragms," Amir Mirmiran, Siddharth Kulkarni, Reid Castrodale, Richard Miller and Makarand Hastak, V. 46, No. 5, September-October 2001, pp. 60-80.

Castrodale, Reid

- "Nonlinear Continuity Analysis of Precast, Prestressed Concrete Girders with Cast-in-Place Decks and Diaphragms," V. 46, No. 5, September-October 2001, pp. 60-80.

Chambers, Harry A.

- "Principles and Practices of Stud Welding," V. 46, No. 5, September-October 2001, pp. 46-58.

Chandra, Vijay

- "Central Artery/Tunnel Project: Standardized Precast, Prestressed Transition Structures," V. 46, No. 1, January-February 2001, pp. 22-27.
- "Central Artery/Tunnel Project: Boston's Engineering Marvel – Where We Are Now," V. 46, No. 2, March-April 2001, pp. 14-21.

Colao, John

- "Precast Concrete Canopy Offers Innovative Design and Fast Track Construction," V. 46, No. 1, January-February 2001, pp. 14-21.

Collins, Donald

- "Architectural Precast Façade and Seating Risers Bring Elegance and Construction Speed to Broward County Arena," V. 46, No. 3, May-June 2001, pp. 32-42.

Corry, Robert W.

- "Strengthening and Repair of a Column Bracket Using a Carbon Fiber Reinforced Polymer (CFRP) Fabric," V. 46, No. 1, January-February 2001, pp. 54-63.

D

Dobbs, John E.

- Problems & Solutions: "Reuse of Existing Forms," V. 46, No. 2, March-April 2001, pp. 102-103.

Dolan, Charles W.

- "Strengthening and Repair of a Column Bracket Using a Carbon Fiber Reinforced Polymer (CFRP) Fabric," V. 46, No. 1, January-February 2001, pp. 54-63.
- "Flexural Design of Prestressed Concrete Beams Using FRP Tendons," V. 46, No. 2, March-April 2001, pp. 76-87.

Dordai, Phil

- "Parking Structures for Sprint World Headquarters – A Precast Bonanza," V. 46, No. 3, May-June 2001, pp. 20-30.

Downing, Jim

- "Architectural Precast Façade and Seating Risers Bring Elegance and Construction Speed to Broward County Arena," V. 46, No. 3, May-June 2001, pp. 32-42.

F

Ferreri, Michael

- "Hopi Health Care Center – An All-Precast Concrete Hospital in the Desert," V. 46, No. 4, July-August 2001, pp. 44-55.

Freedman, Sidney

- "Design Factors Influencing the Aesthetics of Architectural Precast Concrete," V. 46, No. 2, March-April 2001, pp. 44-60.

G

Gerbner, John

- "Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," V. 46, No. 2, March-April 2001, pp. 22-33.

Ghosh, S. K.

- "Seismic Design Provisions for Precast Concrete Structures in ACI 318," V. 46, No. 1, January-February 2001, pp. 28-32.
- "Observations From the Bhuj Earthquake of January 26, 2001," V. 46, No. 2, March-April 2001, pp. 34-42.
- "Significant Changes in the 2002 ACI Code Including Changes Affecting Precast/Prestressed Concrete," V. 46, No. 3, May-June 2001, pp. 68-74.
- "A Necessary Change in the Seismic Design Provisions of the 2000 IBC," V. 46, No. 4, July-August 2001, pp. 76-80.
- "Trends in the Seismic Design Provisions of U.S. Building Codes," V. 46, No. 5, September-October 2001, pp. 98-102.
- "Limit on Strength of Normal Weight Concrete," V. 46, No. 6, November-December 2001, pp. 112-117.

Grigsby, James

- "Precast Parking Structures Enhance the Shops at Willow Bend," V. 46, No. 5, September-October 2001, pp. 36-45.

Gwin, Dean

- "Architectural Precast Façade and Seating Risers Bring Elegance and Construction Speed to Broward County Arena," V. 46, No. 3, May-June 2001, pp. 32-42.

H

Harries, Kent A.

- "Behavior of Precast, Prestressed Concrete Pile to Cast-in-Place Pile Cap Connections," V. 46, No. 4, July-August 2001, pp. 82-92.

Hastak, Makarand

- "Nonlinear Continuity Analysis of Precast, Prestressed Concrete Girders with Cast-in-Place Decks and Diaphragms," V. 46, No. 5, September-October 2001, pp. 60-80.

Hawkins, Neil M.

- "Seismic Design Provisions for Precast Concrete Structures in ACI 318," V. 46, No. 1, January-February 2001, pp. 28-32.

Hill, Jennifer

- "Central Artery/Tunnel Project: Standardized Precast, Prestressed Transition Structures," V. 46, No. 1, January-February 2001, pp. 22-27.

Himes, Herman

- "Precast Parking Structures Enhance the Shops at Willow Bend," V. 46, No. 5, September-October 2001, pp. 36-45.

Hsu, Ru-Chu

- "Central Artery/Tunnel Project: Standardized Precast, Prestressed Transition Structures," V. 46, No. 1, January-February 2001, pp. 22-27.

J

Jarvis, Andrew

- "Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," V. 46, No. 2, March-April 2001, pp. 22-33.

Johnson, Bill

- "Precast Design and Construction of the Greene County Justice Center," V. 46, No. 6, November-December 2001, pp. 60-67.

Jongpitakseel, Nipon

- Problems & Solutions: "Design for Shear in Prestressed Concrete Bridge Members," V. 46, No. 3, May-June 2001, pp. 90-92.

K

Kelley, Eileen

- "BERGER/ABAM Engineers Celebrates 50th Anniversary," V. 46, No. 4, July-August 2001, pp. 130-133.
- "Andrew Gold Earns 'A' With Precast/Prestressed Science Project," V. 46, No. 4, July-August 2001, pp. 144-145.

Khaleghi, Bijan

- "Performance of Bridge Structures in the January 26, 2001, India Earthquake," V. 46, No. 6, November-December 2001, pp. 88-98.

Kulkarni, Siddharth

- "Nonlinear Continuity Analysis of Precast, Prestressed Concrete Girders with Cast-in-Place Decks and Diaphragms," V. 46, No. 5, September-October 2001, pp. 60-80.

Kurtz, Franklin S.

- "The PRESSS Five-Story Precast Concrete Test Building, University of California at San Diego, La Jolla, California," V. 46, No. 5, September-October 2001, pp. 20-27.
- "Jack Britt High School, Fayetteville, North Carolina," V. 46, No. 5, September-October 2001, pp. 28-31.
- "Six Northern State Parkway Bridges, Nassau County, New York," V. 46, No. 5, September-October 2001, pp. 32-34.

L

LaNier, Michael W.

- "PCI Intern Program – A New Industry Initiative," V. 46, No. 1, January-February 2001, pp. 82-84.

Lavallee, Roland

- "New England Bulb Tee Girder Brings Strength, Elegance and Economy to Jetport Interchange Bridge," V. 46, No. 6, November-December 2001, pp. 68-75.

Logan, Donald R.

- "Personal Reflections on the Passing of a Giant: Jerry Jacques' Lasting Legacy," V. 46, No. 5, September-October 2001, p. 124.

Lorah, Douglas L.

- "Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," V. 46, No. 2, March-April 2001, pp. 22-33.

Lowe, Charles

- "Precast Parking Structures Enhance the Shops at Willow Bend," V. 46, No. 5, September-October 2001, pp. 36-45.

M

Ma, Zhongguo (John)

- "Strength Design of Pretensioned Flexural Concrete Members at Prestress Transfer," V. 46, No. 1, January-February 2001, pp. 34-52.

Martinez, Paul

- "Precast Concrete Canopy Offers Innovative Design and Fast Track Construction," V. 46, No. 1, January-February 2001, pp. 14-21.

Mast, Robert F.

- "Strength Design of Pretensioned Flexural Concrete Members at Prestress Transfer," V. 46, No. 1, January-February 2001, pp. 34-52.
- "My Adventures in Prestressed Concrete," V. 46, No. 6, November-December 2001, pp. 32-40.
- "Vibration of Precast Prestressed Concrete Floors," V. 46, No. 6, November-December 2001, pp. 76-86.

Miller, Richard

- "Nonlinear Continuity Analysis of Precast, Prestressed Concrete Girders with Cast-in-Place Decks and Diaphragms," V. 46, No. 5, September-October 2001, pp. 60-80.

Mirmiran, Amir

- "Nonlinear Continuity Analysis of Precast, Prestressed Concrete Girders with Cast-in-Place Decks and Diaphragms," V. 46, No. 5, September-October 2001, pp. 60-80.

N

Nasser, George D.

- "Precast Frontiersman Richard Imper Retires After 38 Years of Dedicated Service," V. 46, No. 1, January-February 2001, pp. 114-117.
- "Indian Wells Tennis Garden, Indian Wells, California," V. 46, No. 1, January-February 2001, pp. 118-121.
- "Sir Alan J. Harris (1916-2000)," V. 46, No. 2, March-April 2001, p. 121.
- "Jerry Goettsche Retires From CEG With Fond PCI Memories," V. 46, No. 2, March-April 2001, pp. 122-124.
- "Del Webb Sun City Bridge, Bluffton, South Carolina," V. 46, No. 2, March-April 2001, pp. 125-129.
- "George C. Hanson (1916-2001)," V. 46, No. 3, May-June 2001, p. 112.
- "Larry Fischer Ends Where He Started – At Concrete Industries," V. 46, No. 3, May-June 2001, pp. 114-116.
- "Adams County Justice Center, Brighton, Colorado," V. 46, No. 3, May-June 2001, pp. 117-120.
- "PCI Convention Preview, Reno, Nevada, October 21-24," V. 46, No. 4, July-August 2001, pp. 18-33.
- "Paul Klieger (1916-2001)," V. 46, No. 4, July-August 2001, p. 141.
- "Clayton County Justice Complex, Jonesboro, Georgia," V. 46, No. 4, July-August 2001, pp. 146-151.
- "The PRESSS Five-Story Precast Concrete Test Building, University of California at San Diego, La Jolla, California," V. 46, No. 5, September-October 2001, pp. 20-27.
- "Francis J. Jacques (1933-2001)," V. 46, No. 5, September-October 2001, p. 125.
- "Dino J. Scalia (1948-2001)," V. 46, No. 5, September-October 2001, p. 126.

- "Larry N. Shoemaker (1947-2001)," V. 46, No. 5, September-October 2001, p. 127.
- "United Health Care Center, Westerville, Ohio," V. 46, No. 5, September-October 2001, pp. 133-135.
- "Highlights of PCI's 47th Annual Convention and Exhibition, Reno, Nevada, October 21 to 24, 2001," V. 46, No. 6, November-December 2001, pp. 14-31.
- "John F. Kuhl (1932-2001)," V. 46, No. 6, November-December 2001, p. 132.
- "State of Minnesota Department of Revenue Building, St. Paul, Minnesota," V. 46, No. 6, November-December 2001, pp. 146-149.

Navratil, Jaroslav

- "Applications of Time-Dependent Analysis in the Design of Hybrid Bridge Structures," V. 46, No. 4, July-August 2001, pp. 56-74.

Noppakunwijai, Panya

- "Strength Design of Pretensioned Flexural Concrete Members at Prestress Transfer," V. 46, No. 1, January-February 2001, pp. 34-52.

Norris, Gary

- "Performance of Bridge Structures in the January 26, 2001, India Earthquake," V. 46, No. 6, November-December 2001, pp. 88-98.

P

Pedersen, Keith E.

- "Re-Examination of I-Girder/Pier Connection in Jointless Bridges," V. 46, No. 2, March-April 2001, pp. 62-74.

Perry, Vic

- Problems & Solutions: "Reactive Powder Concrete," V. 46, No. 4, July-August 2001, p. 118.

Petrou, Michael F.

- "Behavior of Precast, Prestressed Concrete Pile to Cast-in-Place Pile Cap Connections," V. 46, No. 4, July-August 2001, pp. 82-92.

Pincheira, José A.

- "Anchorage of Carbon Fiber Reinforced Polymer (CFRP) Tendons Using Cold-Swaged Sleeves," V. 46, No. 6, November-December 2001, pp. 100-111.

Plumtree, Alan

- "Experimental and Analytical Investigation of a Stainless Steel Anchorage for CFRP Prestressing Tendons," V. 46, No. 2, March-April 2001, pp. 88-100.

Priestley, M. J. Nigel

- "Influence of Strand Development Length in Formation of Plastic Hinges in Prestressed Piles," V. 46, No. 3, May-June 2001, pp. 76-89.

Puckett, Jay

- Problems & Solutions: "Design for Shear in Prestressed Concrete Bridge Members," V. 46, No. 3, May-June 2001, pp. 90-92.

R

Ramos, Bruno Elias

- "Precast Concrete Canopy Offers Innovative Design and Fast Track Construction," V. 46, No. 1, January-February 2001, pp. 14-21.

Ricci, Anthony L.

- "Central Artery/Tunnel Project: Boston's Engineering Marvel – Where We Are Now," V. 46, No. 2, March-April 2001, pp. 14-21.

Roller, John J.

- "On-Going High Performance Concrete Research in Louisiana," V. 46, No. 1, January-February 2001, pp. 79-81.

Ronald, Hugh D.

- "Design and Construction Considerations for Continuous Post-Tensioned Bulb-Tee Girder Bridges," Hugh D. Ronald, V. 46, No. 3, May-June 2001, pp. 44-66.

Russell, Henry G.

- "On-Going High Performance Concrete Research in Louisiana," V. 46, No. 1, January-February 2001, pp. 79-81.

S

Saleh, Mohsen

- Problems & Solutions: "Effects of Post-Tensioning on Concrete Members," V. 46, No. 5, September-October 2001, pp. 104-109.

Salmons, Tim

- "Precast Design and Construction of the Greene County Justice Center," V. 46, No. 6, November-December 2001, pp. 60-67.

Sargand, Shad

- "Effects of Sudden Prestress Force Transfer in Pretensioned Concrete Beams," V. 46, No. 1, January-February 2001, pp. 64-75.

Scholz, Kathleen

- "PCI Intern Program – A New Industry Initiative," V. 46, No. 1, January-February 2001, pp. 82-84.

Shahawy, Mohsen

- "A Critical Evaluation of the AASHTO Provisions for Strand Development Length of Prestressed Concrete Members," V. 46, No. 4, July-August 2001, pp. 94-117.
- "Enhancement of the Performance of Prestressed Concrete Girders Using Strand Anchorage," V. 46, No. 5, September-October 2001, pp. 82-96.

Shenkman, Saul

- "Raising the Bar," V. 46, No. 1, January-February 2001, p. 13.
- "Digital Information Sharing for Precasters," V. 46, No. 2, March-April 2001, p. 13.
- "Ensuring Product Quality at the Job Site," V. 46, No. 3, May-June 2001, p. 13.
- "Quality – Delivering the Promise" V. 46, No. 4, July-August 2001, p. 17.
- "Aftermath of the September 11 Terrorist Attack on America," V. 46, No. 5, September-October 2001, p. 13.
- "Roundup of Year 2001 Activities," V. 46, No. 6, November-December 2001, pp. 12-13.

Seible, Frieder

- "Influence of Strand Development Length in Formation of Plastic Hinges in Prestressed Piles," V. 46, No. 3, May-June 2001, pp. 76-89.

Silva, Pedro F.

- "Influence of Strand Development Length in Formation of Plastic Hinges in Prestressed Piles," V. 46, No. 3, May-June 2001, pp. 76-89.

Soudki, Khaled A.

- "Experimental and Analytical Investigation of a Stainless Steel Anchorage for CFRP Prestressing Tendons," V. 46, No. 2, March-April 2001, pp. 88-100.

Steinberg, Eric

- "Effects of Sudden Prestress Force Transfer in Pretensioned Concrete Beams," V. 46, No. 1, January-February 2001, pp. 64-75.

Strasky, Jiri

- "Applications of Time-Dependent Analysis in the Design of Hybrid Bridge Structures," V. 46, No. 4, July-August 2001, pp. 56-74.

Sturm, Edward R.

- "Hopi Health Care Center – An All-Precast Concrete Hospital in the Desert," V. 46, No. 4, July-August 2001, pp. 44-55.

Susky, Stanislav

- "Applications of Time-Dependent Analysis in the Design of Hybrid Bridge Structures," V. 46, No. 4, July-August 2001, pp. 56-74.

T

Tadros, Maher K.

- "Strength Design of Pretensioned Flexural Concrete Members at Prestress Transfer," V. 46, No. 1, January-February 2001, pp. 34-52.
- "Re-Examination of I-Girder/Pier Connection in Jointless Bridges," V. 46, No. 2, March-April 2001, pp. 62-74.
- Problems & Solutions: "Design for Shear in Prestressed Concrete Bridge Members," V. 46, No. 3, May-June 2001, pp. 90-92.
- Problems & Solutions: "Effects of Post-Tensioning on Concrete Members," V. 46, No. 5, September-October 2001, pp. 104-109.

Triandafilou, Louis N.

- "PCEF Focuses on High Performance Concrete Prestressed Bridge Members," V. 46, No. 1, January-February 2001, pp. 76-77.

Troiani, Peter G.

- "Precast Concrete Canopy Offers Innovative Design and Fast Track Construction," V. 46, No. 1, January-February 2001, pp. 14-21.

V

Vander Wal, David J.

- "Precast Parking Structures Enhance the Shops at Willow Bend," V. 46, No. 5, September-October 2001, pp. 36-45.

W

Westenberger, John

- "Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," V. 46, No. 2, March-April 2001, pp. 22-33.

Williams, Al

- "Parking Structures for Sprint World Headquarters – A Precast Bonanza," V. 46, No. 3, May-June 2001, pp. 20-30.

Wolfstahl, Ted

- "Precast Concrete Canopy Offers Innovative Design and Fast Track Construction," V. 46, No. 1, January-February 2001, pp. 14-21.

Wolters, Jim

- "Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," V. 46, No. 2, March-April 2001, pp. 22-33.

Woyak, John P.

- "Anchorage of Carbon Fiber Reinforced Polymer (CFRP) Tendons Using Cold-Swaged Sleeves," V. 46, No. 6, November-December 2001, pp. 100-111.

Y

Yee, Alfred A.

- "Social and Environmental Benefits of Precast Concrete Technology," V. 46, No. 3, May-June 2001, pp. 14-19.
- "Structural and Economic Benefits of Precast/Prestressed Concrete Construction," V. 46, No. 4, July-August 2001, pp. 34-42.

Yoder, Kevin

- "Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," V. 46, No. 2, March-April 2001, pp. 22-33.

Subject Index

APPLICATIONS

Architectural Precast Concrete

"Precast Concrete Canopy Offers Innovative Design and Fast Track Construction," Bruno Elias Ramos, John Colao, Paul Martinez, Peter G. Troiani and Ted Wolfstahl, V. 46, No. 1, January-February 2001, pp. 14-21.

"Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," Tom Appelquist, Kevin Yoder, ECCB Project Team (Andrew Jarvis, John Gerbner, Jim Wolters and John Westenberger) and Douglas L. Lorah, V. 46, No. 2, March-April 2001, pp. 22-33.

"Design Factors Influencing the Aesthetics of Architectural Precast Concrete," Sidney Freedman, V. 46, No. 2, March-April 2001, pp. 44-60.

"Del Webb Sun City Bridge, Bluffton, South Carolina," George D. Nasser, V. 46, No. 2, March-April 2001, pp. 125-129.

"Architectural Precast Façade and Seating Risers Bring Elegance and Construction Speed to Broward County Arena," Doug Brown, Jim Downing, Donald Collins and Dean Gwin, V. 46, No. 3, May-June 2001, pp. 32-42.

"Precast Parking Structures Enhance the Shops at Willow Bend," James Grigsby, David J. Vander Wal, Brett Alexander, Herman Himes and Charles Lowe, V. 46, No. 5, September-October 2001, pp. 36-45.

Bridges (see BRIDGES)

Buildings

"Precast Concrete Canopy Offers Innovative Design and Fast Track Construction," Bruno Elias Ramos, John Colao, Paul Martinez, Peter G. Troiani and Ted Wolfstahl, V. 46, No. 1, January-February 2001, pp. 14-21.

"Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," Tom Appelquist, Kevin Yoder, ECCB Project Team (Andrew Jarvis, John Gerbner, Jim Wolters and John Westenberger) and Douglas L. Lorah, V. 46, No. 2, March-April 2001, pp. 22-33.

"Observations From the Bhuj Earthquake of January 26, 2001," S. K. Ghosh, V. 46, No. 2, March-April 2001, pp. 34-42.

"Social and Environmental Benefits of Precast Concrete Technology," Alfred A. Yee, V. 46, No. 3, May-June 2001, pp. 14-19.

"Adams County Justice Center, Brighton, Colorado," George D. Nasser, V. 46, No. 3, May-June 2001, pp. 117-120.

"Structural and Economic Benefits of Precast/Prestressed Concrete Construction," Alfred A. Yee, V. 46, No. 4, July-August 2001, pp. 34-42.

"Hopi Health Care Center – An All-Precast Concrete Hospital in the Desert," Edward R. Sturm and Michael Ferreri, V. 46, No. 4, July-August 2001, pp. 44-55.

"United Health Care Center, Westerville, Ohio," George D. Nasser, V. 46, No. 5, September-October 2001, pp. 133-135.

"State of Minnesota Department of Revenue Building, St. Paul, Minnesota," George D. Nasser, V. 46, No. 6, November-December 2001, pp. 146-149.

Hospitals

"Hopi Health Care Center – An All-Precast Concrete Hospital in the Desert," Edward R. Sturm and Michael Ferreri, V. 46, No. 4, July-August 2001, pp. 44-55.

Justice Facilities

"Precast Panels Provide Secure Historic Look for Philadelphia Federal Detention Center," Tom Appelquist, Kevin Yoder, ECCB Project Team (Andrew Jarvis, John Gerbner, Jim Wolters and John Westenberger) and Douglas L. Lorah, V. 46, No. 2, March-April 2001, pp. 22-33.

"Adams County Justice Center, Brighton, Colorado," George D. Nasser, V. 46, No. 3, May-June 2001, pp. 117-120.

"Clayton County Justice Complex, Jonesboro, Georgia," George D. Nasser, V. 46, No. 4, July-August 2001, pp. 146-151.

"Precast Design and Construction of the Greene County Justice Center," Bill Johnson and Tim Salmons, V. 46, No. 6, November-December 2001, pp. 60-67.

Parking Structures

"Parking Structures for Sprint World Headquarters – A Precast Bonanza," Phil Dordai, Michael Albers, Dennis Carter and Al Williams, V. 46, No. 3, May-June 2001, pp. 20-30.

"Precast Parking Structures Enhance the Shops at Willow Bend," James Grigsby, David J. Vander Wal, Brett Alexander, Herman Himes and Charles Lowe, V. 46, No. 5, September-October 2001, pp. 36-45.

Schools

"Jack Britt High School, Fayetteville, North Carolina," Franklin S. Kurtz, V. 46, No. 5, September-October 2001, pp. 28-31.

Stadiums

"Indian Wells Tennis Garden, Indian Wells, California," George D. Nasser, V. 46, No. 1, January-February 2001, pp. 118-121.

"Architectural Precast Façade and Seating Risers Bring Elegance and Construction Speed to Broward County Arena," Doug Brown, Jim Downing, Donald Collins and Dean Gwin, V. 46, No. 3, May-June 2001, pp. 32-42.

Waterfront Structures

"Precast Concrete Canopy Offers Innovative Design and Fast Track Construction," Bruno Elias Ramos, John Colao, Paul Martinez, Peter G. Troiani and Ted Wolfstahl, V. 46, No. 1, January-February 2001, pp. 14-21.

AWARDS PROGRAM WINNERS

"2001 PCI Design Awards Program: The Winning Entries," V. 46, No. 5, September-October 2001, pp. 14-34.
- Mizner Park Office Building, Boca Raton, Florida, p. 16.
- Oak Brook Pointe Office Center, Oak Brook, Illinois, p. 16.
- Residence Hall at the School of the Art Institute of Chicago, Chicago, Illinois, p. 16.
- Hopi Health Care Center, Polacca, Arizona, p. 16.
- Centro de Elektra Distribucion Guadalajara, Tlaquepaque, Jalisco, Mexico, p. 16.
- Emory University Parking Structure, Atlanta, Georgia, p. 16.
- Grant Pass (Rogue River) Pedestrian/Bikeway Bridge, Grants Pass, Oregon, p. 17.

- The Reconstruction of Bridge 0-21, Long Branch, New Jersey, p. 17.
- Sedley Bridge, Porter County, Indiana, p. 17.
- Jetport Interchange Bridge, Portland, Maine, p. 17.
- S274th Green River Bridge, Kent, Washington, p. 17.
- The Joseph A. Russo Memorial Bridge, Lincoln/Cumberland, Rhode Island, p. 17.
- Thomas F. Eagleton United States Courthouse, St. Louis, Missouri, p. 18.
- Bridge No. 18004 – Brainerd Bypass, Brainerd, Minnesota, p. 18.
- Digital Monitoring Products, Springfield, Missouri, p. 18.
- Bristol Myers Squibb Corporate, Mexico City, Mexico, p. 18.

"Best All-Precast Solution" Category:
- The Shops at Willow Bend, Plano, Texas, p. 18.
- Hopi Health Care Center, Polacca, Arizona, p. 18.

"Harry H. Edwards Industry Advancement Award Winners," V. 46, No. 5, September-October 2001, p. 19.
- Jack Britt High School, Fayetteville, North Carolina, p. 19.
- PRESSS Test Building, University of California at San Diego, La Jolla, California, p. 19.
- Six Northern State Parkway Bridges, Nassau County, New York, p. 19.

"The PRESSS Five-Story Precast Concrete Test Building, University of California at San Diego, La Jolla, California," Franklin S. Kurtz and George D. Nasser, V. 46, No. 5, September-October 2001, pp. 20-27.

"Jack Britt High School, Fayetteville, North Carolina," Franklin S. Kurtz, V. 46, No. 5, September-October 2001, pp. 28-31.

"Six Northern State Parkway Bridges, Nassau County, New York," Franklin S. Kurtz, V. 46, No. 5, September-October 2001, pp. 32-34.

BRIDGES

"Precast Concrete Canopy Offers Innovative Design and Fast Track Construction," Bruno Elias Ramos, John Colao, Paul Martinez, Peter G. Troiani and Ted Wolfstahl, V. 46, No. 1, January-February 2001, pp. 14-21.

"Central Artery/Tunnel Project: Standardized Precast, Prestressed Transition Structures," Jennifer Hill, Ru-Chu Hsu and Vijay Chandra, V. 46, No. 1, January-February 2001, pp. 22-27.

"PCEF Focuses on High Performance Concrete Prestressed Bridge Members," Louis N. Triandafilou, V. 46, No. 1, January-February 2001, pp. 76-77.

"Central Artery/Tunnel Project: Boston's Engineering Marvel – Where We Are Now," Vijay Chandra and Anthony L. Ricci, V. 46, No. 2, March-April 2001, pp. 14-21.

"Re-Examination of I-Girder/Pier Connection in Jointless Bridges," Sameh S. Badie, Maher K. Tadros and Keith E. Pedersen, V. 46, No. 2, March-April 2001, pp. 62-74.

"Del Webb Sun City Bridge, Bluffton, South Carolina," George D. Nasser, V. 46, No. 2, March-April 2001, pp. 125-129.

"Design and Construction Considerations for Continuous Post-Tensioned Bulb-Tee Girder Bridges," Hugh D. Ronald, V. 46, No. 3, May-June 2001, pp. 44-66.

"Applications of Time-Dependent Analysis in the Design of Hybrid Bridge Structures," Jiri Strasky, Jaroslav Navratil and Stanislav Susky, V. 46, No. 4, July-August 2001, pp. 56-74.

"A Critical Evaluation of the AASHTO Provisions for Strand Development Length of Prestressed Concrete Members," Mohsen Shahawy, V. 46, No. 4, July-August 2001, pp. 94-117.

"Six Northern State Parkway Bridges, Nassau County, New York," Franklin S. Kurtz, V. 46, No. 5, September-October 2001, pp. 32-34.

"Nonlinear Continuity Analysis of Precast, Prestressed Concrete Girders with Cast-in-Place Decks and Diaphragms," Amir Mirmiran, Siddharth Kulkarni, Reid Castrodale, Richard Miller and Makarand Hastak, V. 46, No. 5, September-October 2001, pp. 60-80.

"Enhancement of the Performance of Prestressed Concrete Girders Using Strand Anchorage," Mohsen Shahawy and Chun S. Cai, V. 46, No. 5, September-October 2001, pp. 82-96.

"Performance of Bridge Structures in the January 26, 2001, India Earthquake," Bijan Khaleghi and Gary Norris, V. 46, No. 6, November-December 2001, pp. 88-98.

"New England Bulb Tee Girder Brings Strength, Elegance and Economy to Jetport Interchange Bridge," Roland Lavallee and Ken Cadman, V. 46, No. 6, November-December 2001, pp. 68-75.

"High Performance Concrete Showcase Bridges," PCI High Performance Concrete Committee, V. 46, No. 6, November-December 2001, pp. 42-55.

CODES AND SPECIFICATIONS

"Seismic Design Provisions for Precast Concrete Structures in ACI 318," S. K. Ghosh and Neil M. Hawkins, V. 46, No. 1, January-February 2001, pp. 28-32.

"Strength Design of Pretensioned Flexural Concrete Members at Prestress Transfer," Panya Noppakunwijai, Maher K. Tadros, Zhongguo (John) Ma and Robert F. Mast, V. 46, No. 1, January-February 2001, pp. 34-52.

"Significant Changes in the 2002 ACI Code Including Changes Affecting Precast/Prestressed Concrete," S. K. Ghosh, V. 46, No. 3, May-June 2001, pp. 68-74.

"A Necessary Change in the Seismic Design Provisions of the 2000 IBC," S. K. Ghosh, V. 46, No. 4, July-August 2001, pp. 76-80.

"Trends in the Seismic Design Provisions of U.S. Building Codes," S. K. Ghosh, V. 46, No. 5, September-October 2001, pp. 98-102.

"Limit on Strength of Normal Weight Concrete," S. K. Ghosh, V. 46, No. 6, November-December 2001, pp. 112-117.

COMMITTEE REPORTS

"High Performance Concrete Showcase Bridges," PCI High Performance Concrete Committee, V. 46, No. 6, November-December 2001, pp. 42-55.

"Errata, PCI Design Handbook, Precast and Prestressed Concrete, Fifth Edition," PCI Industry Handbook Committee, V. 46, No. 6, November-December 2001, pp. 56-58.

DESIGN

"Seismic Design Provisions for Precast Concrete Structures in ACI 318," S. K. Ghosh and Neil M. Hawkins, V. 46, No. 1, January-February 2001, pp. 28-32.

"Strength Design of Pretensioned Flexural Concrete Members at Prestress Transfer," Panya Noppakunwijai, Maher K. Tadros, Zhongguo (John) Ma and Robert F. Mast, V. 46, No. 1, January-February 2001, pp. 34-52.

"Effects of Sudden Prestress Force Transfer in Pretensioned Concrete Beams," Eric Steinberg, Jonathan T. Beier and Shad Sargand, V. 46, No. 1, January-February 2001, pp. 64-75.

"Design Factors Influencing the Aesthetics of Architectural Precast Concrete," Sidney Freedman, V. 46, No. 2, March-April 2001, pp. 44-60.

"Re-Examination of I-Girder/Pier Connection in Jointless Bridges," Sameh S. Badie, Maher K. Tadros and Keith E. Pedersen, V. 46, No. 2, March-April 2001, pp. 62-74.

"Design and Construction Considerations for Continuous Post-Tensioned Bulb-Tee Girder Bridges," Hugh D. Ronald, V. 46, No. 3, May-June 2001, pp. 44-66.

"Significant Changes in the 2002 ACI Code Including Changes Affecting Precast/Prestressed Concrete," S. K. Ghosh, V. 46, No. 3, May-June 2001, pp. 68-74.

"Influence of Strand Development Length in Formation of Plastic Hinges in Prestressed Piles," Pedro F. Silva, Frieder Seible and M. J. Nigel Priestley, V. 46, No. 3, May-June 2001, pp. 76-89.

"Applications of Time-Dependent Analysis in the Design of Hybrid Bridge Structures," Jiri Strasky, Jaroslav Navratil and Stanislav Susky, V. 46, No. 4, July-August 2001, pp. 56-74.

"A Necessary Change in the Seismic Design Provisions of the 2000 IBC," S. K. Ghosh, V. 46, No. 4, July-August 2001, pp. 76-80.

"Behavior of Precast, Prestressed Concrete Pile to Cast-in-Place Pile Cap Connections," Kent A. Harries and Michael F. Petrou, V. 46, No. 4, July-August 2001, pp. 82-92.

"A Critical Evaluation of the AASHTO Provisions for Strand Development Length of Prestressed Concrete Members," Mohsen Shahawy, V. 46, No. 4, July-August 2001, pp. 94-117.

"Nonlinear Continuity Analysis of Precast, Prestressed Concrete Girders with Cast-in-Place Decks and Diaphragms," Amir Mirmiran, Siddharth Kulkarni, Reid Castrodale, Richard Miller and Makarand Hastak, V. 46, No. 5, September-October 2001, pp. 60-80.

"Enhancement of the Performance of Prestressed Concrete Girders Using Strand Anchorage," Mohsen Shahawy and Chun S. Cai, V. 46, No. 5, September-October 2001, pp. 82-96.

"Trends in the Seismic Design Provisions of U.S. Building Codes," S. K. Ghosh, V. 46, No. 5, September-October 2001, pp. 98-102.

"Limit on Strength of Normal Weight Concrete," S. K. Ghosh, V. 46, No. 6, November-December 2001, pp. 112-117.

"Vibration of Precast Prestressed Concrete Floors," Robert F. Mast, V. 46, No. 6, November-December 2001, pp. 76-86.

"Errata, PCI Design Handbook, Precast and Prestressed Concrete, Fifth Edition," PCI Industry Handbook Committee, V. 46, No. 6, November-December 2001, pp. 56-58.

EARTHQUAKE

"Observations From the Bhuj Earthquake of January 26, 2001," S. K. Ghosh, V. 46, No. 2, March-April 2001, pp. 34-42.

"Performance of Bridge Structures in the January 26, 2001, India Earthquake," Bijan Khaleghi and Gary Norris, V. 46, No. 6, November-December 2001, pp. 88-98.

MATERIALS

FRP Tendons

"Strengthening and Repair of a Column Bracket Using a Carbon Fiber Reinforced Polymer (CFRP) Fabric," Robert W. Corry and Charles W. Dolan, V. 46, No. 1, January-February 2001, pp. 54-63.

"Flexural Design of Prestressed Concrete Beams Using FRP Tendons," Chad R. Burke and Charles W. Dolan, V. 46, No. 2, March-April 2001, pp. 76-87.

"Experimental and Analytical Investigation of a Stainless Steel Anchorage for CFRP Prestressing Tendons," Adil Al-Mayah, Khaled A. Soudki and Alan Plumtree, V. 46, No. 2, March-April 2001, pp. 88-100.

"Anchorage of Carbon Fiber Reinforced Polymer (CFRP) Tendons Using Cold-Swaged Sleeves," José A. Pincheira and John P. Woyak, V. 46, No. 6, November-December 2001, pp. 100-111.

High Performance Concrete

"PCEF Focuses on High Performance Concrete Prestressed Bridge Members," Louis N. Triandafilou, V. 46, No. 1, January-February 2001, pp. 76-77.

"On-Going High Performance Concrete Research in Louisiana," John J. Roller, Robert N. Bruce, Jr. and Henry G. Russell, V. 46, No. 1, January-February 2001, pp. 79-81.

"High Performance Concrete Showcase Bridges," PCI High Performance Concrete Committee, V. 46, No. 6, November-December 2001, pp. 42-55.

Stud Welding

"Principles and Practices of Stud Welding," Harry A. Chambers, V. 46, No. 5, September-October 2001, pp. 46-58.

MISCELLANEOUS

Biography

"Precast Frontiersman Richard Imper Retires After 38 Years of Dedicated Service," George D. Nasser, V. 46, No. 1, January-February 2001, pp. 114-117.

"Jerry Goettsche Retires From CEG With Fond PCI Memories," George D. Nasser, V. 46, No. 2, March-April 2001, pp. 122-124.

"Larry Fischer Ends Where He Started – At Concrete Industries," George D. Nasser, V. 46, No. 3, May-June 2001, pp. 114-116.

Convention

"PCI Convention Preview, Reno, Nevada, October 21-24," George D. Nasser, V. 46, No. 4, July-August 2001, pp. 18-33.

"Highlights of PCI's 47th Annual Convention and Exhibition, Reno, Nevada, October 21 to 24, 2001," George D. Nasser, V. 46, No. 6, November-December 2001, pp. 14-31.

"My Adventures in Prestressed Concrete," Robert F. Mast, V. 46, No. 6, November-December 2001, pp. 32-40.

Education

"PCI Intern Program – A New Industry Initiative," Michael W. LaNier, Paul J. Barr and Kathleen Scholz, V. 46, No. 1, January-February 2001, pp. 82-84.

"Andrew Gold Earns 'A' With Precast/Prestressed Science Project," Eileen Kelley, V. 46, No. 4, July-August 2001, pp. 144-145.

Environment

"Social and Environmental Benefits of Precast Concrete Technology," Alfred A. Yee, V. 46, No. 3, May-June 2001, pp. 14-19.

Miscellaneous

"BERGER/ABAM Engineers Celebrates 50th Anniversary," Eileen Kelley, V. 46, No. 4, July-August 2001, pp. 130-133.

Obituaries

"David A. Nesius (1950-2001)," V. 46, No. 1, January-February 2001, p. 111.

"Kimberly D. Hinckley (1958-2001)," V. 46, No. 2, March-April 2001, p. 118.

"Norman William Bunn (1922-2001)," V. 46, No. 2, March-April 2001, p. 119.

"Sir Alan J. Harris (1916-2000)," George D. Nasser, V. 46, No. 2, March-April 2001, p. 121.

"George C. Hanson (1916-2001)," George D. Nasser, V. 46, No. 3, May-June 2001, p. 112.

"Paul Klieger (1916-2001)," George D. Nasser, V. 46, No. 4, July-August 2001, p. 141.

"Personal Reflections on the Passing of a Giant: Jerry Jacques' Lasting Legacy," Donald R. Logan, V. 46, No. 5, September-October 2001, p. 124.

"Francis J. Jacques (1933-2001)," George D. Nasser, V. 46, No. 5, September-October 2001, p. 125.

"Dino J. Scalia (1948-2001)," George D. Nasser, V. 46, No. 5, September-October 2001, p. 126.

"Larry N. Shoemaker (1947-2001)," George D. Nasser, V. 46, No. 5, September-October 2001, p. 127.

"John H. Bailey, Sr. (1916-2001)," Jean Bailey-Healy, V. 46, No. 6, November-December 2001, p. 129.

"John F. Kuhl (1932-2001)," George D. Nasser, V. 46, No. 6, November-December 2001, p. 132.

PILES

"Influence of Strand Development Length in Formation of Plastic Hinges in Prestressed Piles," Pedro F. Silva, Frieder Seible and M. J. Nigel Priestley, V. 46, No. 3, May-June 2001, pp. 76-89.

"Behavior of Precast, Prestressed Concrete Pile to Cast-in-Place Pile Cap Connections," Kent A. Harries and Michael F. Petrou, V. 46, No. 4, July-August 2001, pp. 82-92.

PROBLEMS & SOLUTIONS

"Composite Action Between Girder and Bridge Deck With Precast Panels," Ned H. Burns, V. 46, No. 1, January-February 2001, p. 85.

"Reuse of Existing Forms," John E. Dobbs, V. 46, No. 2, March-April 2001, pp. 102-103.

"Design for Shear in Prestressed Concrete Bridge Members," Jay Puckett, Maher K. Tadros and Nipon Jongpitakseel, V. 46, No. 3, May-June 2001, pp. 90-92.

"Reactive Powder Concrete," Vic Perry, V. 46, No. 4, July-August 2001, p. 118.

"Effects of Post-Tensioning on Concrete Members," Mohsen Saleh and Maher K. Tadros, V. 46, No. 5, September-October 2001, pp. 104-109.

RESEARCH

"Strengthening and Repair of a Column Bracket Using a Carbon Fiber Reinforced Polymer (CFRP) Fabric," Robert W. Corry and Charles W. Dolan, V. 46, No. 1, January-February 2001, pp. 54-63.

"Effects of Sudden Prestress Force Transfer in Pretensioned Concrete Beams," Eric Steinberg, Jonathan T. Beier and Shad Sargand, V. 46, No. 1, January-February 2001, pp. 64-75.

"On-Going High Performance Concrete Research in Louisiana," John J. Roller, Robert N. Bruce, Jr. and Henry G. Russell, V. 46, No. 1, January-February 2001, pp. 79-81.

"Flexural Design of Prestressed Concrete Beams Using FRP Tendons," Chad R. Burke and Charles W. Dolan, V. 46, No. 2, March-April 2001, pp. 76-87.

"Experimental and Analytical Investigation of a Stainless Steel Anchorage for CFRP Prestressing Tendons," Adil Al-Mayah, Khaled A. Soudki and Alan Plumtree, V. 46, No. 2, March-April 2001, pp. 88-100.

"Influence of Strand Development Length in Formation of Plastic Hinges in Prestressed Piles," Pedro F. Silva, Frieder Seible and M. J. Nigel Priestley, V. 46, No. 3, May-June 2001, pp. 76-89.

"Behavior of Precast, Prestressed Concrete Pile to Cast-in-Place Pile Cap Connections," Kent A. Harries and Michael F. Petrou, V. 46, No. 4, July-August 2001, pp. 82-92.

"A Critical Evaluation of the AASHTO Provisions for Strand Development Length of Prestressed Concrete Members," Mohsen Shahawy, V. 46, No. 4, July-August 2001, pp. 94-117.

"The PRESSS Five-Story Precast Concrete Test Building, University of California at San Diego, La Jolla, California," Franklin S. Kurtz and George D. Nasser, V. 46, No. 5, September-October 2001, pp. 20-27.

"Enhancement of the Performance of Prestressed Concrete Girders Using Strand Anchorage," Mohsen Shahawy and Chun S. Cai, V. 46, No. 5, September-October 2001, pp. 82-96.

"Anchorage of Carbon Fiber Reinforced Polymer (CFRP) Tendons Using Cold-Swaged Sleeves," José A. Pincheira and John P. Woyak, V. 46, No. 6, November-December 2001, pp. 100-111.

SEISMIC RESISTANCE

"Seismic Design Provisions for Precast Concrete Structures in ACI 318," S. K. Ghosh and Neil M. Hawkins, V. 46, No. 1, January-February 2001, pp. 28-32.

"Observations From the Bhuj Earthquake of January 26, 2001," S. K. Ghosh, V. 46, No. 2, March-April 2001, pp. 34-42.

"Structural and Economic Benefits of Precast/Prestressed Concrete Construction," Alfred A. Yee, V. 46, No. 4, July-August 2001, pp. 34-42.

"A Necessary Change in the Seismic Design Provisions of the 2000 IBC," S. K. Ghosh, V. 46, No. 4, July-August 2001, pp. 76-80.

"Trends in the Seismic Design Provisions of U.S. Building Codes," S. K. Ghosh, V. 46, No. 5, September-October 2001, pp. 98-102.

"Performance of Bridge Structures in the January 26, 2001, India Earthquake," Bijan Khaleghi and Gary Norris, V. 46, No. 6, November-December 2001, pp. 88-98.

STATE-OF-THE-ART PAPERS

"Design Factors Influencing the Aesthetics of Architectural Precast Concrete," Sidney Freedman, V. 46, No. 2, March-April 2001, pp. 44-60.

"Principles and Practices of Stud Welding," Harry A. Chambers, V. 46, No. 5, September-October 2001, pp. 46-58.

TRANSPORTATION STRUCTURES

"Central Artery/Tunnel Project: Standardized Precast, Prestressed Transition Structures," Jennifer Hill, Ru-Chu Hsu and Vijay Chandra, V. 46, No. 1, January-February 2001, pp. 22-27.

"Central Artery/Tunnel Project: Boston's Engineering Marvel – Where We Are Now," Vijay Chandra and Anthony L. Ricci, V. 46, No. 2, March-April 2001, pp. 14-21.

"New England Bulb Tee Girder Brings Strength, Elegance and Economy to Jetport Interchange Bridge," Roland Lavallee and Ken Cadman, V. 46, No. 6, November-December 2001, pp. 68-75.